

Meat Processed from Carcasses: 2002

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2002 Economic Census

Manufacturing

Industry Series



USCENSUSBUREAU

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry and year ¹ | Com- panies ² | All estab- lish- ments ³ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expendi- tures (\$1,000) |
|---|-----------------------------|--|---------------------|----------------------|---------------------|------------------|--------------------|-----------------------------|--|---|---|
| | | | Number ⁴ | Payroll (\$1,000) | Number ⁴ | Hours (1,000) | Wages (\$1,000) | | | | |
| 311612, Meat processed from carcasses .. 2002.. | 1 193 | 1 335 | 98 591 | 2 946 350 | 79 494 | 165 264 | 2 033 078 | 9 950 000 | 15 961 021 | 25 882 439 | 770 731 |
| 2001.. | N | N | 107 060 | 3 031 677 | 86 321 | 181 933 | 2 024 217 | 10 804 055 | 17 312 549 | 28 038 686 | 772 471 |
| 2000.. | N | N | 100 222 | 2 876 754 | 80 559 | 173 706 | 1 921 264 | 10 562 829 | 15 815 005 | 26 286 809 | 710 169 |
| 1999.. | N | N | 98 494 | 2 785 669 | 78 575 | 170 798 | 1 870 214 | 9 054 177 | 15 761 412 | 24 752 827 | 656 887 |
| 1998.. | N | N | 94 420 | 2 569 379 | 74 805 | 157 133 | 1 736 036 | 9 020 741 | 15 420 709 | 24 415 996 | 478 442 |
| 1997.. | 1 163 | 1 295 | 90 002 | 2 347 336 | 72 029 | 145 714 | 1 591 598 | 8 242 526 | 15 995 769 | 24 260 511 | 526 880 |

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| Industry and geographic area | E ¹ | All establishments ² | | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---------------------------------------|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | Total | With 20 employees or more | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 311612, Meat processed from carcasses | | | | | | | | | | | | |
| United States | 1 | 1 335 | 612 | 98 591 | 2 946 350 | 79 494 | 165 264 | 2 033 078 | 9 950 000 | 15 961 021 | 25 882 439 | 770 731 |
| Alabama | 3 | 14 | 6 | 565 | 18 768 | 410 | 880 | 12 216 | 40 889 | 106 312 | 153 474 | 3 585 |
| Arkansas | — | 11 | 4 | 2 478 | 68 436 | 2 028 | 4 252 | 48 221 | 293 | 10 544 | 21 231 | 395 |
| California | 2 | 119 | 62 | 6 142 | 180 595 | 4 877 | 9 636 | 122 897 | 874 681 | 925 402 | 1 806 299 | 45 392 |
| Connecticut | 6 | 20 | 8 | 582 | 19 184 | 409 | 900 | 11 987 | 50 616 | 93 148 | 144 009 | 3 800 |
| Florida | 4 | 26 | 7 | 2 008 | 58 257 | 1 681 | 2 656 | 43 041 | 229 589 | 262 660 | 489 109 | 10 401 |
| Georgia | — | 34 | 20 | 3 029 | 94 812 | 2 370 | 4 901 | 63 031 | 362 536 | 684 270 | 1 053 900 | 10 363 |
| Illinois | 2 | 87 | 50 | 7 257 | 245 846 | 5 512 | 12 122 | 150 886 | 839 786 | 1 360 048 | 2 195 772 | 64 387 |
| Indiana | 2 | 19 | 11 | 1 551 | 42 467 | 1 215 | 2 624 | 29 303 | 147 982 | 246 201 | 394 268 | 10 716 |
| Iowa | 1 | 44 | 25 | 7 414 | 231 472 | 6 336 | 13 368 | 181 062 | 711 007 | 1 259 778 | 1 952 965 | 93 284 |
| Kentucky | 1 | 14 | 8 | 2 338 | 73 367 | 1 893 | 3 933 | 53 149 | 166 214 | 268 164 | 442 461 | 17 125 |
| Louisiana | 1 | 35 | 9 | 734 | 19 942 | 580 | 1 120 | 11 065 | 60 621 | 107 936 | 167 068 | 3 490 |
| Massachusetts | 27 | 15 | 1 744 | 57 792 | 1 209 | 2 682 | 32 267 | 129 206 | 289 914 | 419 427 | 7 427 | |
| Michigan | 1 | 36 | 20 | 2 341 | 68 162 | 1 710 | 3 642 | 41 572 | 282 754 | 591 648 | 868 493 | 29 650 |
| Minnesota | 4 | 18 | 8 | 1 872 | 56 753 | 1 430 | 2 959 | 35 694 | 101 681 | 135 836 | 241 326 | 6 132 |
| Mississippi | 6 | 10 | 3 | 454 | 10 181 | 365 | 723 | 7 278 | 15 166 | 32 009 | 46 875 | 972 |
| Missouri | 2 | 26 | 10 | 1 599 | 47 263 | 1 333 | 2 626 | 34 151 | 193 673 | 212 214 | 404 875 | 24 464 |
| Montana | 8 | 10 | 2 | 157 | 4 417 | 116 | 226 | 2 710 | 12 669 | 19 847 | 32 488 | 832 |
| Nebraska | 2 | 31 | 20 | 5 839 | 156 697 | 4 935 | 10 985 | 121 702 | 736 404 | 1 343 531 | 2 053 301 | 44 938 |
| New Jersey | 1 | 43 | 23 | 1 988 | 84 736 | 1 448 | 3 104 | 48 926 | 205 893 | 287 889 | 494 743 | 9 225 |
| New York | 2 | 78 | 26 | 2 733 | 88 165 | 2 085 | 4 222 | 55 935 | 256 460 | 406 953 | 662 363 | 10 701 |
| North Carolina | 3 | 43 | 21 | 3 360 | 90 606 | 2 794 | 5 453 | 65 902 | 387 054 | 211 162 | 598 400 | 28 492 |
| Ohio | — | 54 | 20 | 4 309 | 123 115 | 3 592 | 7 517 | 92 810 | 358 873 | 946 694 | 1 308 280 | 86 522 |
| Oklahoma | — | 28 | 17 | 3 705 | 101 874 | 3 111 | 6 389 | 71 453 | 373 095 | 542 104 | 913 345 | 13 963 |
| Pennsylvania | — | 70 | 40 | 4 575 | 150 405 | 3 590 | 7 568 | 96 203 | 344 911 | 733 889 | 1 078 572 | 43 743 |
| Tennessee | — | 19 | 9 | 2 436 | 62 731 | 2 027 | 4 506 | 45 671 | 136 956 | 426 003 | 560 954 | 13 243 |
| Texas | 1 | 111 | 48 | 7 905 | 225 915 | 6 393 | 13 182 | 151 720 | 684 727 | 1 539 382 | 2 223 441 | 57 537 |
| Utah | — | 12 | 7 | 555 | 13 870 | 483 | 988 | 10 290 | 53 029 | 134 341 | 186 544 | 4 604 |
| Vermont | 1 | 6 | 3 | 186 | 4 076 | 100 | 161 | 2 182 | 14 805 | 21 717 | 32 470 | 723 |
| Virginia | 3 | 21 | 10 | 1 507 | 44 732 | 1 254 | 2 826 | 33 608 | 241 974 | 110 015 | 353 262 | 7 717 |
| Washington | 4 | 35 | 14 | 1 433 | 41 562 | 1 209 | 2 442 | 29 719 | 197 993 | 203 570 | 390 613 | 15 080 |
| Wisconsin | — | 51 | 21 | 6 719 | 207 617 | 5 238 | 10 470 | 138 120 | 911 926 | 989 958 | 1 917 725 | 46 004 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Item | Value |
|--|-----------------------|
| 311612, Meat processed from carcasses | |
| Companies ¹ | number.. 1 193 |
| All establishments ² | number.. 1 335 |
| Establishments with 1 to 19 employees | number.. 723 |
| Establishments with 20 to 99 employees | number.. 354 |
| Establishments with 100 employees or more | number.. 258 |
| All employees ³ | number.. 98 591 |
| Total compensation | \$1,000.. 3 635 011 |
| Annual payroll | \$1,000.. 2 946 350 |
| Total fringe benefits | \$1,000.. 688 661 |
| Production workers, average for year | number.. 79 494 |
| Production workers on March 12 | number.. 78 779 |
| Production workers on May 12 | number.. 79 200 |
| Production workers on August 12 | number.. 79 986 |
| Production workers on November 12 | number.. 79 914 |
| Production worker hours | \$1,000.. 165 264 |
| Production worker wages | \$1,000.. 2 033 078 |
| Total cost of materials | \$1,000.. 15 961 021 |
| Materials, parts, containers, packaging, etc., used | \$1,000.. 14 314 650 |
| Resales | \$1,000.. 1 326 842 |
| Purchased fuels | \$1,000.. 87 985 |
| Purchased electricity | \$1,000.. 188 504 |
| Contract work | \$1,000.. 43 040 |
| Quantity of electricity purchased for heat and power | 1,000 kWh.. 3 393 905 |
| Quantity of electricity generated less sold for heat and power | 1,000 kWh.. 326 |
| Total value of shipments | \$1,000.. 25 882 439 |
| Primary products value of shipments | \$1,000.. 23 085 419 |
| Secondary products value of shipments | \$1,000.. 1 264 605 |
| Total miscellaneous receipts | \$1,000.. 1 532 415 |
| Value of resales | \$1,000.. 1 471 111 |
| Contract receipts | \$1,000.. 12 981 |
| Other miscellaneous receipts | \$1,000.. 48 323 |
| Primary products specialization ratio | percent.. 95 |
| Value of primary products shipments made in all industries | \$1,000.. 24 007 319 |
| Value of primary products shipments made in this industry | \$1,000.. 23 085 419 |
| Value of primary products shipments made in other industries | \$1,000.. 921 900 |
| Coverage ratio | percent.. 96 |
| Value added | \$1,000.. 9 950 000 |
| Total inventories, beginning of year | \$1,000.. 1 733 785 |
| Finished goods inventories | \$1,000.. 762 910 |
| Work-in-process inventories | \$1,000.. 139 293 |
| Materials and supplies inventories | \$1,000.. 831 582 |
| Total inventories, end of year | \$1,000.. 1 393 460 |
| Finished goods inventories | \$1,000.. 784 466 |
| Work-in-process inventories | \$1,000.. 146 319 |
| Materials and supplies inventories | \$1,000.. 462 675 |
| Gross value of depreciable assets (acquisition costs) at beginning of year | \$1,000.. 6 397 379 |
| Total capital expenditures (new and used) | \$1,000.. 770 731 |
| Buildings and other structures (new and used) | \$1,000.. 167 214 |
| Machinery and equipment (new and used) | \$1,000.. 603 517 |
| Automobiles, trucks, etc., for highway use | \$1,000.. 23 157 |
| Computers and peripheral data processing equipment | \$1,000.. 28 563 |
| All other expenditures for machinery and equipment | \$1,000.. 551 797 |
| Total retirements | \$1,000.. 203 813 |
| Gross value of depreciable assets at end of year | \$1,000.. 6 964 297 |
| Depreciation charges during year | \$1,000.. 460 792 |
| Total rental payments | \$1,000.. 275 735 |
| Buildings and other structures | \$1,000.. 168 012 |
| Machinery and equipment | \$1,000.. 107 723 |
| Total other expenses ⁴ | \$1,000.. 1 437 952 |
| Response coverage ratio ⁵ | percent.. 79 |
| Repair and maintenance services of buildings and/or machinery ⁴ | \$1,000.. 186 141 |
| Communications services ⁴ | \$1,000.. 22 524 |
| Legal services ⁴ | \$1,000.. 14 903 |
| Accounting, auditing, and bookkeeping services ⁴ | \$1,000.. 6 515 |
| Advertising and promotional services ⁴ | \$1,000.. 99 110 |
| Expensed computer hardware and supplies and purchased computer services ⁴ | \$1,000.. 11 999 |
| Refuse removal (including hazardous waste) services ⁴ | \$1,000.. 39 263 |
| Management consulting and administrative services ⁴ | \$1,000.. 27 506 |
| Taxes and license fees ⁴ | \$1,000.. 34 444 |
| All other expenses ⁴ | \$1,000.. 995 548 |

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Employment size class | E ¹ | All establishments ² | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|----------------|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 311612, Meat processed from carcasses | | | | | | | | | | | |
| All establishments | 1 | 1 335 | 98 591 | 2 946 350 | 79 494 | 165 264 | 2 033 078 | 9 950 000 | 15 961 021 | 25 882 439 | 770 731 |
| Establishments with— | | | | | | | | | | | |
| 1 to 4 employees | 9 | 432 | 862 | 24 475 | 713 | 1 380 | 17 170 | 60 630 | 135 415 | 196 069 | 5 753 |
| 5 to 9 employees | 7 | 153 | 1 008 | 31 456 | 818 | 1 734 | 21 819 | 94 443 | 210 487 | 305 912 | 7 861 |
| 10 to 19 employees | 5 | 138 | 1 904 | 60 145 | 1 546 | 3 190 | 40 809 | 186 362 | 339 754 | 527 720 | 12 241 |
| 20 to 49 employees | 3 | 228 | 7 349 | 216 209 | 5 414 | 11 226 | 129 809 | 812 677 | 1 317 638 | 2 125 682 | 46 923 |
| 50 to 99 employees | 2 | 126 | 8 957 | 287 830 | 6 590 | 13 556 | 170 307 | 824 059 | 1 386 914 | 2 206 473 | 65 691 |
| 100 to 249 employees | 1 | 137 | 21 843 | 668 096 | 17 304 | 35 910 | 449 872 | 2 294 217 | 3 783 241 | 6 052 913 | 255 346 |
| 250 to 499 employees | 1 | 90 | 31 090 | 941 309 | 25 541 | 54 092 | 661 211 | 3 663 807 | 4 995 554 | 8 643 429 | 202 303 |
| 500 to 999 employees | 1 | 24 | 14 950 | 435 038 | 12 466 | 24 683 | 318 696 | 1 431 246 | 2 229 058 | 3 663 837 | 90 506 |
| 1,000 to 2,499 employees | — | — | 10 628 | 281 792 | 9 102 | 19 493 | 223 385 | 582 559 | 1 562 960 | 2 160 404 | 84 107 |
| 2,500 employees or more | — | — | — | — | — | — | — | — | — | — | — |
| Administrative records ⁴ | 9 | 568 | 2 430 | 73 539 | 2 048 | 4 231 | 52 545 | 255 441 | 437 891 | 693 229 | 20 716 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry or product class code | Industry or primary product class | All establishments ¹ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------------|--|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ² | Payroll (\$1,000) | Number ² | Hours (1,000) | Wages (\$1,000) | | | | |
| 311612 | Meat processed from carcasses | 1 335 | 98 591 | 2 946 350 | 79 494 | 165 264 | 2 033 078 | 9 950 000 | 15 961 021 | 25 882 439 | 770 731 |
| 3116121 | Pork, processed or cured, not canned or made into sausage, made from purchased carcasses . . | 133 | 22 885 | 662 262 | 18 971 | 39 406 | 478 825 | 2 351 246 | 3 482 285 | 5 840 405 | 183 620 |
| 3116124 | Sausage and similar products, except canned, made from purchased carcasses | 203 | 30 256 | 951 260 | 23 589 | 48 557 | 627 105 | 3 163 280 | 3 707 565 | 6 892 867 | 243 360 |
| 3116127 | Canned meats (except dog, cat, and baby food), made from purchased carcasses | 12 | 2 185 | 75 956 | 1 671 | 3 279 | 51 278 | 604 979 | 291 658 | 897 855 | 11 637 |
| 311612A | Other processed, frozen, or cooked meats, made from purchased carcasses | 259 | 34 294 | 1 002 018 | 27 955 | 59 227 | 697 832 | 3 491 432 | 7 682 785 | 11 099 215 | 301 087 |

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product code | Product | Number of companies with shipments of \$100,000 or more | Quantity of production for all purposes | Product shipments | |
|--------------|---|---|---|----------------------|--------------------------|
| | | | | Quantity | Value (\$1,000) |
| 311612 | Meat processed from carcasses | 2002.. N 1997.. N | X X | X X | 24 007 319 21 786 024 |
| 3116121 | Pork, processed or cured, not canned or made into sausage, made from purchased carcasses | 2002.. N 1997.. N | X X | X X | 5 231 733 4 865 074 |
| 31161211 | Sweet-pickled, dry salt, or dry-cured pork (not smoked, cooked, canned, or made into sausage), made from purchased carcasses | 2002.. N 1997.. N | X X | X X | 343 138 162 671 |
| 3116121111 | Sweet-pickled or dry-cured pork (not smoked, cooked, canned, or made into sausage), made from purchased carcasses ¹ | mil lb. 2002.. 24 1997.. 39 | X X | S 71.4 | 310 460 151 439 |
| 3116121121 | Dry salt pork, not canned or made into sausage, made from purchased carcasses ² | mil lb. 2002.. 14 1997.. 10 | X X | S 10.3 | 32 678 11 232 |
| 31161212 | Smoked hams and picnics, except canned, made from purchased carcasses | 2002.. N 1997.. N | X X | X X | 1 774 135 2 060 022 |
| 3116121231 | Smoked hams and picnics, except canned, made from purchased carcasses ³ | mil lb. 2002.. 111 1997.. 111 | X X | 11 128.2 11 188.3 | 1 774 135 2 060 022 |
| 31161213 | Smoked slab bacon, made from purchased carcasses | 2002.. N 1997.. N | X X | X X | 271 624 59 100 |
| 3116121341 | Smoked slab bacon, made from purchased carcasses ⁴ | mil lb. 2002.. 33 1997.. 36 | X X | 192.2 43.9 | 271 624 59 100 |
| 31161214 | Smoked sliced bacon, made from purchased carcasses | 2002.. N 1997.. N | X X | X X | 1 742 234 1 590 589 |
| 3116121451 | Smoked sliced bacon, made from purchased carcasses ⁵ | mil lb. 2002.. 55 1997.. 59 | X X | P1 052.1 919.7 | 1 742 234 1 590 589 |
| 31161215 | Other smoked pork, not canned or made into sausage, made from purchased carcasses | 2002.. N 1997.. N | X X | X X | 355 184 120 526 |
| 3116121561 | Other smoked pork, not canned or made into sausage, made from purchased carcasses ⁶ | mil lb. 2002.. 40 1997.. 49 | X X | 240.1 77.2 | 355 184 120 526 |
| 31161216 | Boiled ham, barbecue pork, and other cooked pork, except canned meats and sausage, made from purchased carcasses | 2002.. N 1997.. N | X X | X X | D 509 339 |
| 3116121671 | Boiled ham, barbecue pork, and other cooked pork, except canned meats and sausage, made from purchased carcasses ⁷ | mil lb. 2002.. 45 1997.. 51 | X X | D 231.0 | D 509 339 |
| 31161217 | Lard, except canned, made from purchased carcasses | 2002.. N 1997.. N | X X | X X | D 43 305 |
| 3116121781 | Lard, except canned, made from purchased carcasses | mil lb. 2002.. 3 1997.. 11 | X X | D P173.5 | D 43 305 |
| 3116121Y | Pork, processed or cured, not canned or made into sausage, made from purchased carcasses, nsk | 2002.. N 1997.. N | X X | X X | 269 319 522 |
| 3116121YVV | Pork, processed or cured, not canned or made into sausage, made from purchased carcasses, nsk | 2002.. N 1997.. N | X X | X X | 269 319 522 |
| 3116124 | Sausage and similar products, except canned, made from purchased carcasses | 2002.. N 1997.. N | X X | X X | 6 415 865 6 094 246 |
| 31161241 | Fresh sausage (pork sausage, breakfast links, etc.), except canned, made from purchased carcasses | 2002.. N 1997.. N | X X | X X | 1 045 409 1 072 100 |
| 3116124111 | Fresh sausage (pork sausage, breakfast links, etc.), except canned, made from purchased carcasses ⁸ | mil lb. 2002.. 128 1997.. 140 | X X | S 624.5 | 1 045 409 1 072 100 |
| 31161242 | Dry or semidry sausage (salami, cervelat, beef jerky, pepperoni, summer sausage, pork roll, etc.), made from purchased carcasses | 2002.. N 1997.. N | X X | X X | 1 541 904 1 146 064 |
| 3116124221 | Dry or semidry sausage (salami, cervelat, beef jerky, pepperoni, summer sausage, pork roll, etc.), made from purchased carcasses ⁹ | mil lb. 2002.. 81 1997.. 73 | X X | S P576.2 | 1 541 904 1 146 064 |
| 31161243 | Frankfurters, including wieners, except canned, made from purchased carcasses | 2002.. N 1997.. N | X X | X X | 1 379 685 1 454 813 |
| 3116124331 | Frankfurters, including wieners, except canned, made from purchased carcasses ¹⁰ | mil lb. 2002.. 96 1997.. 112 | X X | S 749.1 | 1 379 685 1 454 813 |
| 31161244 | Other sausage (smoked or cooked) and jellied goods and similar preparations, except canned, made from purchased carcasses | 2002.. N 1997.. N | X X | X X | 2 447 803 2 417 789 |
| 3116124441 | Other sausage, smoked or cooked (bologna, liverwurst, Polish sausage, etc.), except canned, made from purchased carcasses ¹¹ | mil lb. 2002.. 156 1997.. 175 | X X | 11 866.5 P1 546.9 | 2 406 115 2 363 431 |
| 3116124451 | Jellied goods and similar preparations (headcheese, meat loaves, scrapple, puddings, chili con carne, etc.), except canned, made from purchased carcasses ¹² | mil lb. 2002.. 33 1997.. 39 | X X | S 34.0 | 41 688 54 358 |
| 3116124Y | Sausage and similar products, except canned, made from purchased carcasses, nsk | 2002.. N 1997.. N | X X | X X | 1 064 3 480 |
| 3116124YVV | Sausage and similar products, except canned, made from purchased carcasses, nsk | 2002.. N 1997.. N | X X | X X | 1 064 3 480 |
| 3116127 | Canned meats (except dog, cat, and baby food), made from purchased carcasses | 2002.. N 1997.. N | X X | X X | 1 148 081 1 142 179 |

See footnotes at end of table.

Table 6a. **Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product code | Product | Number of companies with shipments of \$100,000 or more | Quantity of production for all purposes | Product shipments | |
|--------------|--|---|---|-------------------|-----------------|
| | | | | Quantity | Value (\$1,000) |
| 311612 | Meat processed from carcasses—Con. | | | | |
| 3116127 | Canned meats (except dog, cat, and baby food), made from purchased carcasses—Con. | | | | |
| 31161271 | Canned meats (except dog, cat, and baby food), made from purchased carcasses | 2002.. N | X | X | 1 148 081 |
| | | 1997.. N | X | X | 1 142 179 |
| 3116127100 | Canned meats (except dog, cat, and baby food), made from purchased carcasses ¹³ | 2002.. 22 | X | 9877.9 | 1 148 081 |
| | | 1997.. 26 | X | S | 1 142 179 |
| 311612A | Other processed, frozen, or cooked meats, made from purchased carcasses | 2002.. N | X | X | 10 296 962 |
| | | 1997.. N | X | X | 7 713 136 |
| 311612A1 | Boxed meat (beef, pork, lamb, etc.), made from purchased carcasses | 2002.. N | X | X | 3 958 090 |
| | | 1997.. N | X | X | 1 463 427 |
| 311612A111 | Boxed meat (beef, pork, lamb, etc.), made from purchased carcasses | 2002.. 93 | X | S | 3 958 090 |
| | | 1997.. 80 | X | 486.9 | 1 463 427 |
| 311612A2 | Frozen ground meat patties, made from purchased carcasses | 2002.. N | X | X | 1 992 074 |
| | | 1997.. N | X | X | 1 759 429 |
| 311612A221 | Frozen ground meat patties, made from purchased carcasses | 2002.. 77 | X | 91 761.1 | 1 992 074 |
| | | 1997.. 76 | X | 1 447.2 | 1 759 429 |
| 311612A3 | Frozen portion control meats, made from purchased carcasses | 2002.. N | X | X | 1 002 662 |
| | | 1997.. N | X | X | 1 060 563 |
| 311612A331 | Frozen portion control meats, made from purchased carcasses | 2002.. 57 | X | S | 1 002 662 |
| | | 1997.. 49 | X | S | 1 060 563 |
| 311612A4 | Pork rind pellets (including pork cracklings), other processed, frozen or cooked meats, and collagen sausage casings, made from purchased carcasses | 2002.. N | X | X | 3 319 599 |
| | | 1997.. N | X | X | 3 216 729 |
| 311612A441 | Pork rind pellets, including pork cracklings, made from purchased carcasses | 2002.. 12 | X | S | 151 467 |
| | | 1997.. 7 | X | P123.7 | 120 206 |
| 311612A451 | Other processed, frozen, or cooked meats (including corned beef, frozen primal and fabricated cuts, frozen variety meats, etc.), made from purchased carcasses | 2002.. 166 | X | X | 3 042 480 |
| | | 1997.. 185 | X | X | 2 970 019 |
| 311612A461 | Collagen sausage casings, made from purchased carcasses | 2002.. 11 | X | S | 125 652 |
| | | 1997.. 9 | X | S | 126 504 |
| 311612AY | Other processed, frozen, or cooked meats, made from purchased carcasses, nsk | 2002.. N | X | X | 24 537 |
| | | 1997.. N | X | X | 212 988 |
| 311612AYWV | Other processed, frozen, or cooked meats, made from purchased carcasses, nsk | 2002.. N | X | X | 24 537 |
| | | 1997.. N | X | X | 212 988 |
| 311612W | Meat processed from carcasses, nsk, total | 2002.. N | X | X | 914 678 |
| | | 1997.. N | X | X | 1 971 389 |
| 311612WY | Meat processed from carcasses, nsk, total | 2002.. N | X | X | 914 678 |
| | | 1997.. N | X | X | 1 971 389 |
| 311612WYWW | Meat processed from carcasses, nsk, for nonadministrative-record establishments | 2002.. N | X | X | 359 703 |
| | | 1997.. N | X | X | 1 467 926 |
| 311612WYWY | Meat processed from carcasses, nsk, for administrative-record establishments | 2002.. N | X | X | 554 975 |
| | | 1997.. N | X | X | 503 463 |

¹This product code is primary to more than one industry. See industry 311611, product code 311611G111.

²This product code is primary to more than one industry. See industry 311611, product code 311611G121.

³This product code is primary to more than one industry. See industry 311611, product code 311611G131.

⁴This product code is primary to more than one industry. See industry 311611, product code 311611G141.

⁵This product code is primary to more than one industry. See industry 311611, product code 311611G151.

⁶This product code is primary to more than one industry. See industry 311611, product code 311611G161.

⁷This product code is primary to more than one industry. See industry 311611, product code 311611G171.

⁸This product code is primary to more than one industry. See industry 311611, product code 311611J111.

⁹This product code is primary to more than one industry. See industry 311611, product code 311611J121.

¹⁰This product code is primary to more than one industry. See industry 311611, product code 311611J131.

¹¹This product code is primary to more than one industry. See industry 311611, product code 311611J141.

¹²This product code is primary to more than one industry. See industry 311611, product code 311611J151.

¹³This product code is primary to more than one industry. See industry 311611, product code 311611M100.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS product class code | Product class and geographic area | Value of product shipments (\$1,000) |
|--------------------------|--|--------------------------------------|
| 3116121 | Pork, processed or cured, not canned or made into sausage, made from purchased carcasses | |
| | United States 2002 . . | 5 231 733 |
| | 1997 . . | 4 865 074 |
| | Alabama 2002 . . | 55 655 |
| | 1997 . . | 22 589 |
| | California 2002 . . | 178 889 |
| | 1997 . . | 40 971 |
| | Connecticut 2002 . . | 2 939 |
| | 1997 . . | 9 381 |
| | Florida 2002 . . | 156 539 |
| | 1997 . . | 117 388 |
| | Georgia 2002 . . | 93 237 |
| | 1997 . . | 66 615 |
| | Illinois 2002 . . | 329 489 |
| | 1997 . . | 279 987 |
| | Iowa 2002 . . | 405 726 |
| | 1997 . . | 524 882 |
| | Michigan 2002 . . | 27 225 |
| | 1997 . . | 30 425 |
| | Missouri 2002 . . | 195 996 |
| | 1997 . . | 251 850 |
| | Nebraska 2002 . . | 454 237 |
| | 1997 . . | 313 264 |
| | New Jersey 2002 . . | 93 664 |
| | 1997 . . | 106 182 |
| | New York 2002 . . | 156 050 |
| | 1997 . . | 148 695 |
| | North Carolina 2002 . . | 293 702 |
| | 1997 . . | 236 588 |
| | Ohio 2002 . . | 546 667 |
| | 1997 . . | 749 748 |
| | Oklahoma 2002 . . | 249 385 |
| | 1997 . . | N |
| | Pennsylvania 2002 . . | 127 102 |
| | 1997 . . | 140 545 |
| | Tennessee 2002 . . | 52 234 |
| | 1997 . . | 50 209 |
| | Texas 2002 . . | 371 772 |
| | 1997 . . | 240 290 |
| | Utah 2002 . . | 32 750 |
| | 1997 . . | N |
| | Virginia 2002 . . | 130 216 |
| | 1997 . . | 155 020 |
| | Wisconsin 2002 . . | 294 894 |
| | 1997 . . | 333 929 |
| 3116124 | Sausage and similar products, except canned, made from purchased carcasses | |
| | United States 2002 . . | 6 415 865 |
| | 1997 . . | 6 094 246 |
| | Alabama 2002 . . | 13 861 |
| | 1997 . . | 12 225 |
| | California 2002 . . | 413 479 |
| | 1997 . . | 296 917 |
| | Connecticut 2002 . . | 18 833 |
| | 1997 . . | 17 577 |
| | Florida 2002 . . | 156 336 |
| | 1997 . . | 229 388 |
| | Georgia 2002 . . | 51 440 |
| | 1997 . . | 35 595 |
| | Illinois 2002 . . | 717 150 |
| | 1997 . . | 608 504 |
| | Iowa 2002 . . | 499 157 |
| | 1997 . . | 462 450 |
| | Louisiana 2002 . . | 10 794 |
| | 1997 . . | 27 045 |
| | Massachusetts 2002 . . | 137 803 |
| | 1997 . . | 141 045 |
| | Michigan 2002 . . | 249 385 |
| | 1997 . . | 206 078 |
| | Nebraska 2002 . . | 105 843 |
| | 1997 . . | 158 686 |
| | New Jersey 2002 . . | 141 005 |
| | 1997 . . | 92 788 |
| | New York 2002 . . | 134 450 |
| | 1997 . . | 47 309 |
| | North Carolina 2002 . . | 131 011 |
| | 1997 . . | 114 686 |
| | Ohio 2002 . . | 319 220 |
| | 1997 . . | 197 628 |
| | Oklahoma 2002 . . | 198 695 |
| | 1997 . . | 99 929 |
| | Pennsylvania 2002 . . | 217 145 |
| | 1997 . . | 354 505 |
| | Tennessee 2002 . . | 21 272 |
| | 1997 . . | N |
| | Texas 2002 . . | 503 704 |
| | 1997 . . | 729 375 |
| | Washington 2002 . . | 161 210 |
| | 1997 . . | 42 008 |
| | Wisconsin 2002 . . | 975 947 |
| | 1997 . . | 1 008 572 |
| 3116127 | Canned meats (except dog, cat, and baby food), made from purchased carcasses | |
| | United States 2002 . . | 1 148 081 |
| | 1997 . . | 1 142 179 |
| | Minnesota 2002 . . | 180 643 |
| | 1997 . . | N |

See footnotes at end of table.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS product class code | Product class and geographic area | Value of product shipments (\$1,000) |
|--------------------------|---|--------------------------------------|
| 311612A | Other processed, frozen, or cooked meats, made from purchased carcasses | |
| | United States | 10 296 962 |
| | 1997 .. | 7 713 136 |
| | Arkansas | 9 322 |
| | 1997 .. | 260 616 |
| | California | 856 466 |
| | 1997 .. | 415 911 |
| | Connecticut | 89 525 |
| | 2002 .. | N |
| | 1997 .. | 567 015 |
| | Georgia | 205 188 |
| | 2002 .. | 834 587 |
| | 1997 .. | 759 481 |
| | Illinois | 144 444 |
| | 2002 .. | 55 008 |
| | 1997 .. | 701 307 |
| | Iowa | 534 500 |
| | 2002 .. | 87 622 |
| | 1997 .. | 34 052 |
| | Kentucky | 93 116 |
| | 2002 .. | N |
| | 1997 .. | 149 791 |
| | Louisiana | 38 893 |
| | 2002 .. | 157 535 |
| | 1997 .. | 187 467 |
| | Massachusetts | 101 749 |
| | 2002 .. | 135 025 |
| | 1997 .. | 1 182 791 |
| | Missouri | 216 774 |
| | 2002 .. | 234 092 |
| | 1997 .. | 101 667 |
| | Nebraska | 245 782 |
| | 2002 .. | 677 890 |
| | 1997 .. | 397 976 |
| | New Jersey | 329 904 |
| | 2002 .. | 305 205 |
| | 1997 .. | N |
| | New York | 647 700 |
| | 2002 .. | 635 674 |
| | 1997 .. | 932 801 |
| | Ohio | 757 252 |
| | 2002 .. | 133 146 |
| | 1997 .. | N |
| | Oklahoma | 51 808 |
| | 2002 .. | 37 228 |
| | 1997 .. | 67 923 |
| | Pennsylvania | N |
| | 2002 .. | 262 521 |
| | 1997 .. | 795 286 |

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Material code | Material consumed | Quantity | Delivered cost (\$1,000) |
|---------------|--|----------|--------------------------|
| 311612 | Meat processed from carcasses | | |
| 00900001 | Total materials2002.. | X | 14 314 650 |
| |1997.. | X | 14 167 906 |
| 11211003 | Cattle slaughtered (number of head)thousands..2002.. | D | D |
| |1997.. | 5.2 | 1 356 |
| 11211001 | Cattle slaughtered (live weight) mil lb..2002.. | D | X |
| |1997.. | D | D |
| 11221003 | Hogs slaughtered (number of head)thousands..2002.. | D | D |
| |1997.. | 266.7 | 29 536 |
| 11221001 | Hogs slaughtered (live weight) mil lb..2002.. | D | X |
| |1997.. | 51 537.8 | X |
| 11241005 | Sheep and lambs slaughtered (number of head)thousands..2002.. | D | D |
| |1997.. | D | D |
| 11241003 | Sheep and lambs slaughtered (live weight) mil lb..2002.. | D | X |
| |1997.. | 180.5 | X |
| 31161107 | Fresh and frozen beef mil lb..2002.. | S | 4 259 153 |
| |1997.. | 4 183.0 | 4 430 259 |
| 31161109 | Fresh and frozen veal mil lb..2002.. | 143.0 | 132 586 |
| |1997.. | 29.1 | 54 293 |
| 31161113 | Fresh and frozen pork mil lb..2002.. | q4 618.4 | 3 254 108 |
| |1997.. | p4 433.2 | 3 922 321 |
| 31161111 | Other fresh and frozen red meats mil lb..2002.. | p224.8 | 261 482 |
| |1997.. | 144.0 | 145 615 |
| 31161101 | Meat materials for sausage and canning not separable by species mil lb..2002.. | S | 199 258 |
| |1997.. | 147.4 | 333 141 |
| 31161117 | Pork, processed (cured, smoked, etc.) mil lb..2002.. | S | 189 298 |
| |1997.. | 313.0 | 366 003 |
| 31161103 | Other meat materials (cured beef, cured lamb, etc.), purchased mil lb..2002.. | S | 108 646 |
| |1997.. | 96.0 | 116 692 |
| 00190042 | Poultry (live, fresh, frozen, and prepared)2002.. | X | 307 646 |
| |1997.. | X | N |
| 31161119 | Hides, skins, and pelts2002.. | X | D |
| |1997.. | X | D |
| 31194201 | Spices and curing materials2002.. | X | 299 838 |
| |1997.. | X | 435 159 |
| 31161200 | Animal and collagen casings2002.. | X | 107 533 |
| |1997.. | X | 88 157 |
| 001900A1 | Packaging paper and plastics film, coated and laminated2002.. | X | 320 320 |
| |1997.. | X | 349 124 |
| 32221001 | Paperboard containers, boxes, and corrugated paperboard2002.. | X | 350 457 |
| |1997.. | X | 307 916 |
| 32610023 | Synthetic casings (including cellulosic and fibrous reinforced)2002.. | X | 118 614 |
| |1997.. | X | 201 849 |
| 001900A3 | Bags (plastics, foil, and coated paper)2002.. | X | 101 618 |
| |1997.. | X | N |
| 32222401 | Bags (uncoated paper and multiwall)2002.. | X | 4 492 |
| |1997.. | X | N |
| 00970099 | All other materials and components, parts, containers, and supplies2002.. | X | 883 941 |
| |1997.. | X | 1 072 571 |
| 00971000 | Materials, ingredients, containers, and supplies, nsk2002.. | X | 3 307 988 |
| |1997.. | X | 2 292 861 |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.